ABSTRACT

An object of the present invention is to provide novel saccharides, $3-\alpha$ -glycosyl α,α -trehalose having a $3-\alpha$ -glucosyl α,α -trehalose structure represented by the chemical formula 1 within their molecules, their preparation and use. The present invention attains the above object by providing $3-\alpha$ -glycosyl α,α -trehaloses having a $3-\alpha$ -glucosyl α,α -trehalose structure represented by the chemical formula 1 within their molecules, their preparation and use.

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Chemical formula 1:

 $O-\alpha-D-Glcp-(1\rightarrow 3)-O-\alpha-D-Glcp-(1\rightarrow 1)-\alpha-D-Glcp$